9/1/24 [MODIFIED PROGRAM, REFERTHIC] LAB- Program 5 Bank (Sanings & ausrent Account) Import jova- util- Scanner. class Account String oust name. ent Acenodouble balance = 0; public void get_details() Scanner scanner = new Scanner (System. in).
System. out. perinter!" Enter the customer name = "); cust name = Scanner = next (); System. out. print la C"Enter the account number: "); number: "); Ace no = scanner - next Int (); public rold display details (String Acc type) System. outoprinter (" Customer Name: "+ cust name); System. out. printle ("Account Number: "+ System. out. pointln (" Account type: "+ Acc type); System. out. print (n ("Balane: " + balana);

class Savace extends Account double interest Rote = 0.05; public Savace (double balance) this - balance = balance; public void deposit s () Scanner s = new Scanner (System. In).
System. out. parent (n C" Enter the deposit amont ""); double ansount = 3. next boutle (); balance + = amount; System. out. prently (" Deposit of "+ amount + "Successful "); public void compute Interest () double anterest = balance * Puterest Rate; balance = "interest; System-out-parintle ("Interest of "+
interest +" computed and added to
the account,"); the account, "); public void withdraw SC) Scanner s= new Scanner (System. in); System. out. println ("Enter the withdrawal

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amoon	t:");
double	amt = so next Poutle();
If (bal	ance >= ant)
3	-
	alance-=amt;
Si	"+ am+ " successful");
J	"+ am+ " successful");
<u> </u>	
else	
\$	
Suste	em. out. partin ("Insufficient
fund	so Withdrawal not
	itted.");
3	")
Q	
2	
class Cur acc es	tends Account
-	
autlic Cur ac	e (double balance)
\$	
this · loa	lance = balance;
7	,
public vold	deposit c()
\$	
Scarolly	new Scanner (System. in);
Sutem. Out	oprintln ("Enter the deposit
amount "	
	ent = Sonest Double ();
	= amount;
Sustain aut	: agently ("Donorit of" +
and and y	· paintln ("Deposit of "+ + amount + " Successful.");
3	

public void Cheque book() Storing phone no; String address; Scanner s = new Scanner (System in).
System out parently ("Enter your phone number: "); phone no = so next(); System out printin ("Enter your address : "); address a soneat(); System.out. point in C" Cheque book request processed successfully "); public void check men_bal() double non bal = 1000; double service charge = 50; if (balance (min bal) Iglance - = gernice charge; System.out. point C" Seomice charge " + service charge +" imposed due to valance falling below niemum."). System. out-println("Current balance is

public word mithdran () Scanner 5= new Scanner (System . In). System. out-parently (" Enter the withdrawal amount "); double ant = sonest Double(). if (balance) = amt) balance = ant; System. out. parent In ("Withdrawal of "+ amt +" Sucessful"); System out prentlne" Insufficient gunds. Withdrawal not permitted."). BankAK // Execution starts here public static void main (Staing args) Scanner p = new Scanner (System - 1/1), System out printin ("Enter the type of account (Sannys or awarent): "); Strong Ace type = p-new (); if (Acc type · counds ("Savings") valid "). Sav ace sa= new Sav acc (D); sa-get details();

int choice; System. out. println ("1+1+ MENUIT 1) s System. out. point ln (" 1. Pepocity 2. Withdraw It 3. Compute interest 4. Risplay Account details 17 5. Esut "), System out pointin! Enter charce: ") choice = ponentInt(); switch (choice) care 1; sa deposit s(); Sa. withdraw S(); sa. compute Interest (). sa · display_detass (Ace type). Case 5: System. out. prentln (" Enoting ... "). break; default: System out pountly (" Invalid 3 while (chorce 1 = 5)

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	clase if (Acc type equals ("Current"))
	{
	Curac con= new Curacc(0);
1/3	ca.get details();
	int choice;
	olo Ş
	Système out perenter ("It It MENU VEVE")
	System out-println ("1. Deposit 1t
	2. Withdrawal & 3. Avail Cheque book It
	4. Check men balance It 5. Display
	details (t 6. Enit ");
	System out - perent (" Enter chorce: "),
	choice = p. neutInt();
	suntan (chorce)
	\$
	care 1: ca · deposit (();
	break,
	couse 2: ca-nothdraw (();
	break;
	case 3 % ca · Cheque book ();
	break ;
	case 4:
	ca. check min ball).
	break.
	cose 5:
	car display details (Acc type).
	break;
	coise 6:
	System. out prently " Enothing ?
	break
	default:
	System out previle l' Invalid
,	cholce "1;
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3 whole (choice = 6). System. out. parentle (" Invaled account type"); OUTPUT: Enter the type of account (Savings or Current): Senings Enter the automer name: Krishna Enter the account number: 1. peposit 2. Withdraw 3. Compute interest 4. Display Account details 50 Emit Enter choice: Enter the deposit amount: 2000 Deposit of 2000 0 successful MENU 1. Deposit 2. Withdraw 3. Comput Enterest 4. Display Account letails 5. Enit Enter choice: Enter the withdrawal amount: 200 Withdrawal of 2000 o successful

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/	MENU
	1. Deposit 2. Withdraw 3. compute interest
	4. Display Account détails 5. Ent
	Enter choice:
	3
j	Interest of 90.0 computed and added
	to amount. a count.
	Enter choice:
	4
	Customer Name: Krishna
	Account Number: 12345
	Account Type: Sevengs
	Balourie: 1890:0
	MENU
	1- Deposit 2- Withdraw 3 Compute interest
	4. Deplay Account details 5. Ent
	Enter chorces
	5
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